

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph starting at page 7, line 10, and ending at page 7, line 16, as follows.

Incident light 111 that comes in through the third optical fiber [[103]] 108 is transmitted through the photonic crystal 102 by way of the first optical path 109 or the second optical path 110 depending on the control quantity output from the control circuit 104 and enters the first optical fiber 106 or the second optical fiber 107.